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23543 7590 10/04/2006

**AIR PRODUCTS AND CHEMICALS, INC.**  
**PATENT DEPARTMENT**  
**7201 HAMILTON BOULEVARD**  
**ALLENTOWN, PA 181951501**

01/09/2007 HDEHES2 00000029 010493 10635695

01 FC:1501 1400.00 DA  
 02 FC:1504 300.00 DA  
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Keith D. Gourley (Depositor's name)  
 [Signature] (Signature)  
 JANUARY 4, 2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/635,695	08/06/2003	VanEric Edward Stein	06419 USA	8345

TITLE OF INVENTION: ION TRANSPORT MEMBRANE MODULE AND VESSEL SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	01/04/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
HOPKINS, ROBERT A	1724	095-054000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Keith D. Gourley

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

AIR PRODUCTS AND CHEMICALS, INC.

ALLENTOWN, PENNSYLVANIA, USA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
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- ☐ A check is enclosed.  
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Date

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Registration No. 32,988

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